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>SEQ\_ID\_NO\_5
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>SEO ID NO 6

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# >SEQ\_ID\_NO\_7

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#### >SEQ ID NO 8

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TTATACGGCAGTGAACATTGCCCCGTGGATGCTCACTGTTGGTGCATCAA CTATAGATCGTGAGTTCCCGGCAGATGTTATTTTAGGAGATAATAGAATA TTTGGTGGTGTTTCATTGTACTCCGGCAATCCTTTGACCGATGCCAAATT GCCGGTGGTTTATTCCGGCGACTGTGGTAGCAAATACTGTTATCCAGGAA AGCTAGATCCTAAAAAAGTCGCAGGAAAAATTGTTTTATGCGATAGGGGA AGGGATGATACTTGCTAATTTGGCTGACTCCGGCGAAGAACTCGTCGCCG ATTCACATCTTCTCCCGGCGACGATGGTCGGTCAAAAAGCTGGAGACAAA ATAAGACACTACGTAACGTCTGATCCTTCACCCACGGCGACGATCGTGTT CAGAGGAACAGTGATCGGAAAATCACCGGCAGCACCACGTGTAGCGGCGT TCTCGAGCCGAGGACCTAATCATTTGACGCCGGAGATTCTTAAACCGGAT GTTATTGCACCTGGAGTTAACATTTTGGCCGGTTGGACCGGATCTGTTGG ACCGACCGATTTGGATATTGACACGAGAAGAGTAGAATTCAATATTATTT CTGGAACTTCCATGTCGTGCCCTCACGTTGGGGGGATTGGCTGCTTTACTT AGAAGGGCCCACCCAAAGTGGACCCCAGCAGCGGTAAAGTCAGCACTTAT GACAACAGCTTACAACTTGGACAATTCTGGTAAAGTATTTACAGATCTTG CCACTGGCCAAGAATCTACTCCCTTCGTTCATGGATCAGGTCATGTAGAC CCGAACCGAGCATTGGATCCGGGTTTGATTTACGACATCGAAACTAGCGA TTACGTAAATTTCCTATGCTCCATTGGCTATGACGGCGACGATGTCGCCG TGTTCGCGAGAGATTCTTCTCGAGTGAATTGCAGTGAACGAAGTTTGGCT ACTCCGGGAGACCTGAATTACCCGTCGTTCTCCCGTTGTTTTTACCGGTGA GAGCAACGGTGTGGTTAAATACAAGCGGGTGGTGAATAATGTAGGAAAAA ATACAGATGCTGTGTATGAAGTGAAGGTGAATGCGCCGTCGTCGGTGGAG GTGAATGTATCACCGGCGAAGCTTGTATTCAGTGAGGAAAAGCAAAGTTT GTCGTATGAGATTAGCTTAAAGAGTAAAAAGAGTGGTGATTTGCAGATGG TGAAGGGGATTGAATCTGCATTTGGGTCGATTGAATGGAGTGATGGAATT CACAATGTGAGAAGCCCAATTGCGGTGCGTTGGCGTCACTATTCTGATGC AGCATCCATGTGAGTAATGGATGATTGTTCTTTATATTGCATTGCATGGA CCAATAAACTGGGATGATGACAAATTGAAAGACGAAATGTTGCTAGAGGA TCATCGAATTTGTCCAACTTTAATTTCACTTTCTTTACCTTTTGTTCTCT GATGTTGTTCAGATTGATGTATATATGAATGAAGCATACCCAGTTGTTTC ACAGAAAAAAAAAAAAAAAAAAAAAAAAAAA

>SEQ ID NO 9

>SEQ ID NO 10

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>SEQ\_ID\_NO\_12

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>SEQ ID NO 13

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>SEQ ID NO 14

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>SEQ\_ID\_NO\_17
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>SEQ ID NO 19

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>SEO ID NO 20

TPRPTRXPTRPPTRPLSPSEYKAIKNSLGYVSSMEDRTVKIHTTHSSHFLGLSSMYGSWP KSNYGKGVIIGVVDTGVWPEIKSFDDDGMSQVPSRWKGICQTGTQFNSSLCNKKLIGARY FNKGLLSKVKNLTIMINSARDTEGHGTHTSSTAAGSLVKGASYFGYAPGFAIGVAPMAHV AVYKALWDGAGTISDILAALDQAIADGCDILSLSFGAVSPFPLYIDPISIASFSAMEKGI FVSVSAGNEGPFDQSLSNEAPWFLSVAASTVDRDVIRILTLGNGVSVTGLSLYPGNSTSD ISVILVKNCLDKQELQNVTDKFVVCIDKNALVGKQVESVRHSNAAGAVFITNDFVTDLGE YLKTEFPSVFLNFQNGDQVLKYVNSTSSPKAKIGLQGTLIGVERAPAVAHFSSRGPSMTC PFILKPDLMAPGHLILASWSPLSSVSPYTELHNIFNIISGTSMSCPHAAGVAALVKGTHP EWSPAAIRSAMMTTADVLDNTQSPIQDIGRPENAAATPLAMGAGHINPNKAIDPGLIYDT TPQDYINLLCALNLTSEQIKTITRSSYTCPNPSLDLNYPSFIAYFNVNSSELDPTRVQEF KRTVTNVGEGVSEYTAELTAMPGLKVSVVPEKLVFKDKYEKQSYKLRIECPQLMNDFLVH GSLSWVEKGGKYVVRSPIVATNS

>SEO ID NO 21

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MFYKGYEAKHGPMDESKESKSPRDTEGHGTXTASTAAGSLVANASFYQYAKGEARGMAIK
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LANLADSGEELVADSHLLPATMVGQKAGDKIRHYVTSDPSPTATIVFRGTVIGKSPAAPR
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PHVGGLAALLRRAHPKWTPAAVKSALMTTAYNLDNSGKVFTDLATGQESTPFVHGSGHVD
PNRALDPGLIYDIETSDYVNFLCSIGYDGDDVAVFARDSSRVNCSERSLATPGDLNYPSF
SVVFTGESNGVVKYKRVVNNVGKNTDAVYEVKVNAPSSVEVNVSPAKLVFSEEKOSLSYE

ISLKSKKSGDLQMVKGIESAFGSIEWSDGIHNVRSPIAVRWRHYSDAASM

>SEQ ID NO 22

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ARIAAYKICWKNGCFNSDILAAMDQAVDDGVHVISLSVGANGYAPHYLYDSIAIGAFGAS
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PHVGGLAALLRRAHPKWTPAAVKSALMTTAYNLDNSGKVFTDLATGQESTPFVHGSGHVD
PNRALDPGLIYDIETSDYVNFLCSMAYDGDDVAVFARDSSRVNCSERSLATPGDLNYPSF
SVVFTGESNGVVKYKRVVNNVGKNTDAVYEVKVNAPSSVEVNVSPAKLVFSEEKQSLSYE
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>SEQ ID NO 23

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DSFGLWPNSDYADDVIVGVLDTGIWPERPSFSDGGLSAVPSGWKGKCETGLDFPATSCNR
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KSPSAPRIAAFSGRGPNYVTPEILKPDVTAPGVNILAGWTGSIGPTDLEIDTRRVEFNII
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HGSGHVDPNRALDPGLVYDIDTKDYVDFLCAIGYDPKRISPFVKDTSSVNCSEKNLVSPG
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GVIIGVIDTGIFPDHPSFSDVGMSPPPAKWKGFCESNFTTKCNNKIIGLRSFRLSEDTPI DTDGHGTHTASTAAGAFVKGANFFGNANGTAVGVAPLAHMAIYKVCSFATCSETDALAAM DAAIDDGVDIISASLGGFTNAPLHDDPISLGAYSATEKGILASASAGNSEFDNPVANNAP WILTVGASTHDRKLKATVKLGNKEEFEGESADQPKTSNSTFIALFDAGKNASDQDAPFCR SWAMTDPAIKGKIVLCQKDPSSLTSSQGRNVKDAGGVGMILINNPEDGVTKSATAHVLPA LDVSHEEGEKIKAYINSTSNPIAAITFQGTVIGDKNAPIVASFSARGPSRANPGILKPDI IGPGVNILAAWPTTVNIPNKNTNSGFNIISGTSMSCPH

>SEQ ID NO 25

>SEO ID NO 24

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>SEQ ID NO 26

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KHQKLSYKVIFETKYRQKAREFGSLLWKDGTHKVRSTIVITWLASI

>SEQ ID NO 27

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AGHVNPAAAMNPGLXYDLTVDDYINFLCALDYSPSMIKVIAKRDISCXNNKDIELLTLIT
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>SEQ ID NO 28

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ANIFAIGAGHVNPSRANDPGLVYDTQFKDYISYLCGLKYTDRQMGSLLQRRTSCSKVKSI
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>SEO ID NO 29

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>SEQ ID NO 30

TTHTSQFLGL

>SEQ ID NO 31

**FGYATGTAIGIAPK** 

>SEQ ID NO 32

GTCCTAATCCCTAGGGATTTAAGG

>SEQ ID NO 33

CTTTGGAAATTGCAGAAAC

>SEQ ID NO 34

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>SEQ ID NO 35

GAATTCGGGGTACCGCGGCCGCGATATCCTGCAGGGCGTTAACTC

>SEQ ID NO 36

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>SEQ ID NO 37

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>SEQ ID NO 38

TTTCCTTTTGCGGCCGCGTGAGGGCAAGACATTGATG

>Seq ID 39

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DVAIDDGVDILSISLGGTSNPFHNDKIALGAYSATERGILVSCSAGNSGPFQRTVDNDAP WILTVGASTHDRKLKATVKLGNKEEFEGESAYHPKTSNSTFFTLFDVEKIVHEQPVAPFC IPGSLTDPS

>Seq\_ID\_40

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